

**BRUHAT BANGALORE MAHANAGARA PALIKE****MEASUREMENT SHEET****RA 1ST AND FINAL BILL**

Name of work: Providing Missing Covering Slabs to Drains in Ward No. 11
(Kuvempunagara) Vidyaranyapura Sub Division.

Estimated Cost : Rs. 30.00 Lakhs

Job Code: 011-20-000124

Head of Account : P-1771 POW Works

Name of Agency: Sri. Sambashivareddy. C, # 14, 6th C Cross, 2nd Main,
Gopalappa Layout, Manorayanapalya, RT Nagar (P), Bangalore -
32.

Work order No: EE/BTP/BBMP/E-PMT/01(41738)/33/2019-20 D: 08-07-2020.

Measurements Recorded on :

17-08-2020

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 1 & 2 is =						279.00	210.00	58590.00
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 3 is =						499.50	85.00	42458.00
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete								
	Kamatha Layout Main Road W/S	Sqm	1	5.00		1.35	6.75		
			1	2.00		1.35	2.70		
	Kamatha Layout 1st Main N/S		1	3.00		1.35	4.05		
			1	5.00		1.35	6.75		
	Kamatha Layout 1st Main S/S		1	2.00		1.35	2.70		
			1	3.00		1.35	4.05		
	Kamatha Layout 2nd Main N/S		1	2.00		1.35	2.70		
			1	2.00		1.35	2.70		
	Kamatha Layout 2nd Main S/S		1	1.00		1.35	1.35		
			1	2.00		1.35	2.70		
			1	2.00		1.35	2.70		
	Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
	Main Road S/S		1	3.00		1.35	4.05		
	Cross Road 1								
	N/S		1	5.00		1.35	6.75		
			1	6.00		1.35	8.10		
	S/S		1	7.00		1.35	9.45		
			1	9.00		1.35	12.15		
	Cross Road 1								

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	S/S		1	8.00		1.35	10.80		
			1	6.00		1.35	8.10		
			1	2.00		1.35	2.70		
			Total Qty =				101.25		
			Qty Limited to =				99.90	643.34	64270.00
4	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 4.00 N/mm ² conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing complete as per								
	Flagging Course	Sqm							
	Kamatha Layout Main Road W/S		2	19.20		0.40	15.36		
			2	15.00		0.40	12.00		
			2	27.00		0.40	21.60		
	Kamatha Layout 1st Main N/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	13.50		0.40	10.80		
	Kamatha Layout 1st Main S/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	13.20		0.40	10.56		
	Kamatha Layout 2nd Main N/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	10.20		0.40	8.16		
	Kamatha Layout 2nd Main S/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	10.30		0.40	8.24		
	Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
	Main Road S/S		2	28.00		0.40	22.40		
	Cross Road 1								
	N/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	1.50		0.40	1.20		
	S/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	1.30		0.40	1.04		
	Cross Road 1								
	S/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	11.10		0.40	8.88		
	N/S		2	30.00		0.40	24.00		
			2	20.00		0.40	16.00		
			Total Qty =				592.24		
			Qty Limited to =				592.00	875.61	518361.00

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications.								
Bed Concrete	Cum							
Kamatha Layout Main Road W/S		1	19.20	0.45	0.10	0.86		
		1	15.00	0.45	0.10	0.68		
		1	27.00	0.45	0.10	1.22		
Kamatha Layout 1st Main N/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	13.50	0.45	0.10	0.61		
Kamatha Layout 1st Main S/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	13.20	0.45	0.10	0.59		
Kamatha Layout 2nd Main N/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	10.20	0.45	0.10	0.46		
Kamatha Layout 2nd Main S/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	10.30	0.45	0.10	0.46		
Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
Main Road S/S		1	28.00	0.45	0.10	1.26		
Cross Road 1								
N/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	1.50	0.45	0.10	0.07		
S/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	1.30	0.45	0.10	0.06		
Cross Road 2								
S/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	11.10	0.45	0.10	0.50		
N/S		1	30.00	0.45	0.10	1.35		
		1	20.00	0.45	0.10	0.90		
Coping Concrete								
Kamatha Layout Main Road W/S		2	19.20	0.20	0.10	0.77		
		2	15.00	0.20	0.10	0.60		
		2	27.00	0.20	0.10	1.08		
Kamatha Layout 1st Main N/S		2	30.00	0.20	0.10	1.20		
		2	30.00	0.20	0.10	1.20		
		2	30.00	0.20	0.10	1.20		
		2	13.50	0.20	0.10	0.54		
Kamatha Layout 1st Main S/S		2	30.00	0.20	0.10	1.20		

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Am
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
	Kamatha Layout 2nd Main N/S		2	13.20	0.20	0.10	0.53		
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
	Kamatha Layout 2nd Main S/S		2	10.20	0.20	0.10	0.41		
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	10.30	0.20	0.10	0.41		
	Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
	Main Road S/S		2	28.00	0.20	0.10	1.12		
	Cross Road 1								
	N/S		2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
	S/S		2	1.50	0.20	0.10	0.06		
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	1.30	0.20	0.10	0.05		
	Cross Road 1								
	S/S		2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	11.10	0.20	0.10	0.44		
	N/S		2	30.00	0.20	0.10	1.20		
			2	20.00	0.20	0.10	0.80		
			Total Qty =				62.93		
			Qty Limited to =				61.37	5006.38	307242.00

- 6 Providing **precast slab of 100 mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- (Data rate Approved 2018-19).

Covering Slab

Sqm

Kamatha Layout Main Road W/S

1 19.20 0.90 17.28

1 15.00 0.90 13.50

1 27.00 0.90 24.30

Kamatha Layout 1st Main N/S

1 30.00 0.90 27.00

1 30.00 0.90 27.00

1 30.00 0.90 27.00

Kamatha Layout 1st Main S/S

1 13.50 0.90 12.15

1 30.00 0.90 27.00

1 30.00 0.90 27.00

1 30.00 0.90 27.00

Kamatha Layout 2nd Main N/S

1 13.20 0.90 11.88

1 30.00 0.90 27.00

1 30.00 0.90 27.00

1 30.00 0.90 27.00

1 10.20 0.90 9.18

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Kamatha Layout 2nd Main S/S		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	10.30	0.90		9.27		
Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
Main Road S/S		1	28.00	0.90		25.20		
Cross Road 1								
N/S		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	1.50	0.90		1.35		
S/S		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	1.30	0.90		1.17		
Cross Road 2								
S/S		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	11.10	0.90		9.99		
N/S		1	30.00	0.90		27.00		
		1	20.00	0.90		18.00		
Total Qty =						666.27		
Qty Limited to =						666.00	2089.38	1391527.00
Sub Total								2382448.00
GST @ 12%								285894.00
Total								2668342.00
Rupees Twenty Six Lakh(s) Sixty Eight Thousand Three Hundred Forty Two Only								

Assistant Engineer
Ward No. 11

Assistant Executive Engineer,
Vidyaranya Sub Division
BBMP, Bangalore - 97